



Repurposing Metadata for an Institutional Repository

Maureen P. Walsh, The Ohio State University Libraries


ALA Midwinter Meeting: ALCTS Metadata Interest Group

January 22, 2012

Repurposing Metadata

- Background / Context
 - Metadata Services and Archiving Options
- Repurposing Overview
 - MARC Metadata
 - Embedded Image Metadata
 - Printed Text Metadata

The Ohio State University's Institutional Repository



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Welcome to the Knowledge Bank


The Knowledge Bank is a collaborative service of the Ohio State University Libraries and the Office of the Chief Information Officer. Faculty, staff and graduate students associated with the Ohio State University are invited to deposit digital materials for long-term preservation and world-wide electronic accessibility.

OSU communities are invited to use the Knowledge Bank to distribute their intellectual output. Examples of communities are academic departments, administrative units, programs, and interdisciplinary centers. Types of content include working papers, post prints, annual reports, technical reports, proceedings of conferences, senior honors theses, digital stories, dissertations, videos, datasets, lecture recordings, and more.

Knowledge Bank Mission:

...to collect, preserve, and distribute the digitally formatted intellectual output of the University...

Featured



Writers Talk

roadcast weekly on WCBE and
:RS radio and the Ohio Channel
vision network, Writers Talk
interviews cover a wide range of
ters and writing, from bestselling
hors to singer-songwriters to
b writers. Our interviewers
cuss writing so that listeners and
vers have a better appreciation
and interest in writing.

p downloads

il 2011

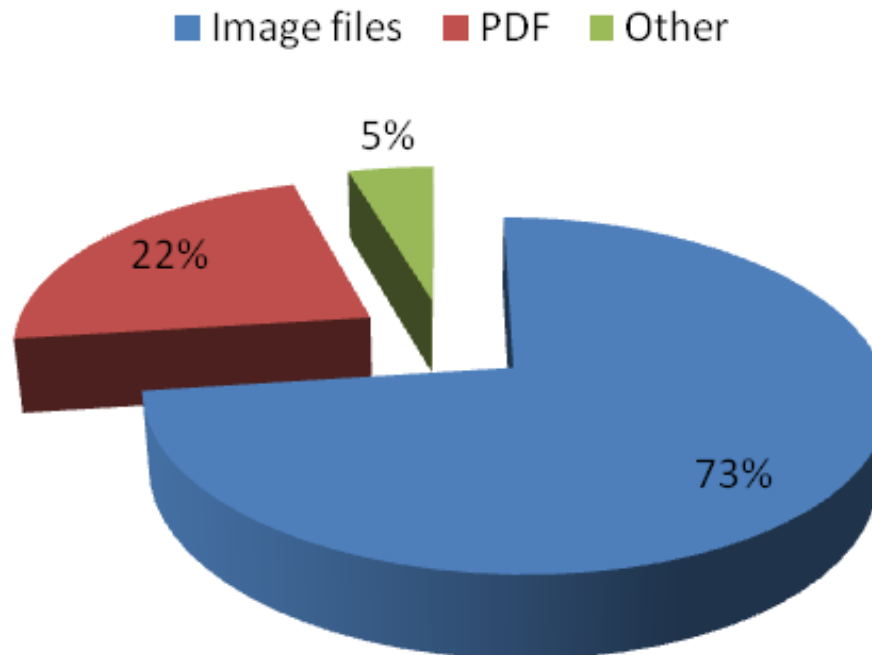
bject Management of Your Learning
community

Book Review: Osaka: The Merchants.
Capital of Early Modern Japan, James
L. McClain and Wakita Osamu, eds.

67 Communities
47,178 Items
97,441 Content Files



Knowledge Bank File Formats



KB Metadata Application Profile

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University Libraries | Technical Services Division

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**The Ohio State University Libraries
Policies and Procedures
Technical Services**

Title: OSU Knowledge Bank Metadata Application Profile
 Creator: The Ohio State University Knowledge Bank Policy Committee
 bhkhelp@list.acs.ohio-state.edu
 (614) 292-6151
 Audience: OSU Libraries
 Date Issued: 2004-6-18
 Date Modified: 2006-06-28
 Identifier:
 Replaces: Not applicable
 Is Replaced By: Not applicable
 Latest Version: 1.0
 Status of Document: This is an OSU Knowledge Bank recommendation.
 Description of Document: This application profile recommends the implementation of a core set of metadata elements and Dublin Core Metadata Element Set mappings (<http://www.dublincore.org>) for use in projects in the OSU Knowledge Bank.

OSU Knowledge Bank Metadata Application Profile

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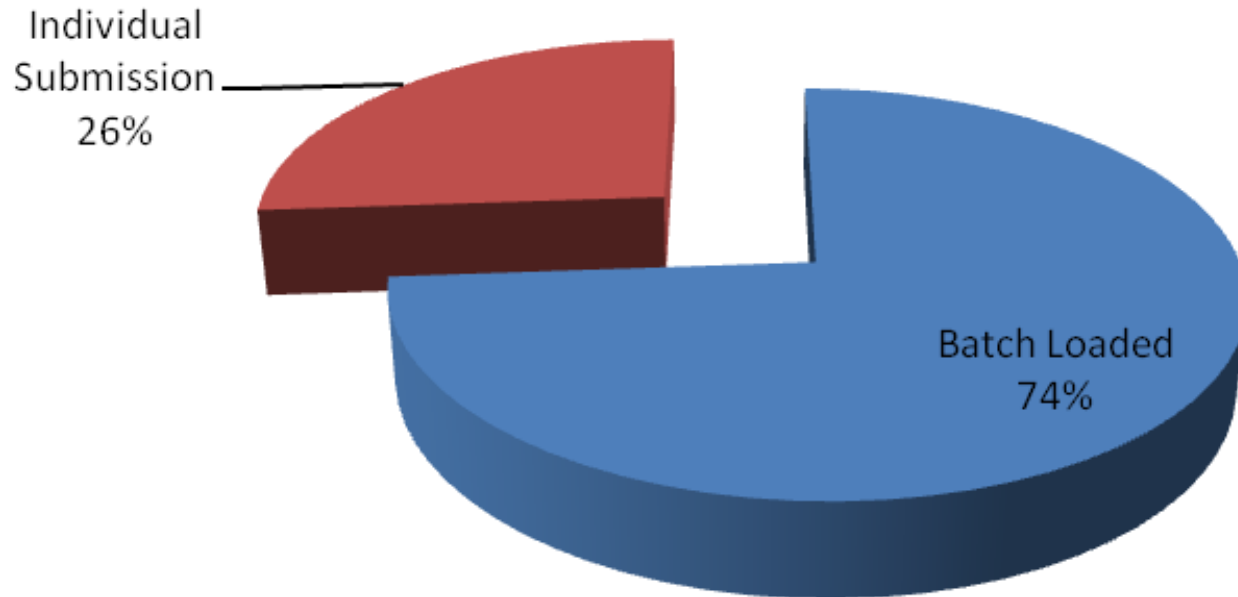
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- Core set of metadata elements and Dublin Core Metadata Element Set mappings to
 - improve retrieval accuracy and resource discovery
 - facilitate multi-institutional interoperability and quality control
 - comply with the Open Archives Initiative Protocol for Metadata Harvesting
 - enable collection migration, import & export between the Knowledge Bank and other systems as necessary

KB Collection Core Element Set

DC Element Qualifier	Label - Simple Item Display	Label - Submission Form	Definition and Usage Guidelines	Obligation	Occurrence	Functionality	Controlled Vocab	Recommended Schemes	Constant Data	Example	Notes
dc.creator	Creators	Author	Author of the work	Mandatory	Non-Repeatable	Search, Browse, KW	no		no	Mansing, Shelley Y.	Last, First Middle Supply punctuation if required - ex. period following middle initial
dc.contributor.advisor	Advisor	Advisor	Advisor to the work	Mandatory	Repeatable	Search, KW	no		no	August, F. Leo	Last, First Middle Supply punctuation if required - ex. period following middle initial
dc.title	Title	Title	Title of the work	Mandatory	Non-Repeatable	Search, Browse, KW	no		no	The effects of snack foods on undergraduate student performance: A study of vigilance	Free text
dc.title.alternative	Other Titles	Other Titles	Alternative titles of the work	Optional	Repeatable	Search, KW	no		no		Free text
dc.date.issued	Issue Date	Quarter Completed	Last month and year of graduating quarter	Mandatory	Non-Repeatable	Browse, KW	no	Internally defined (ISO 8601)	no	2009-06	March, June, August, or December and year
dc.publisher	Publisher	Publisher	Entity responsible for making the work available	Mandatory	Repeatable		no		yes -KB item template	The Ohio State University	Constant data
dc.relation.ispartofseries	Series/Report no.	Degree-Granting Department	Department, School, or College to which work is submitted. Select from list.	Mandatory	Repeatable	Search, KW	yes -KB input-form		no	The Ohio State University. Department of Psychology Honors Theses; 2009	Value automatically generated
dc.type	Type	Type	Format(s) of the work. Select from list.	Mandatory	Repeatable	Search, KW	yes- KB input-form		yes -KB item template	Thesis	Thesis is constant data (template). Additional not constant data.
dc.language.iso		Language	Principle language(s) of the work. Select from list.	Mandatory	Repeatable	Search, KW	yes - KB input-form	Internally defined (ISO639-2)	no	English	Keep as submitted
dc.subject	Keywords	Thesis topic(s) or keywords	Topic of the content of the work	Mandatory	Repeatable	Search, Browse, KW	no		no	snack food study habits undergraduate students vigilance	Free text
dc.description.abstract	Abstract	Abstract	Abstract written for the work	Mandatory	Non-Repeatable	Search, KW	no		no	Recent research has shown an increase in vigilance with students who snack while studying for exams.	Free text
dc.description		Award Statement		Optional	Repeatable	Search, KW	no		no	2nd place in Psychology at Denman Undergraduate Research Forum	Free text
dc.description.sponsorship	Sponsors	Sponsors	Organization(s) providing additional support for work	Required (if available)	Repeatable	Search, KW	no		no	Social & Behavioral Sciences Undergraduate Research Grant	Free text
dc.identifier.citation		Published Citation	Citation of previous publication of work	Required (if available)	Non-Repeatable	Search, KW	no		no		Free text
dc.description.embargo	Requested Embargo?	Requested Embargo?	Delay of dissemination requested. Select from list.	Mandatory	Non-Repeatable		yes -KB input-form		no	A one-year embargo was granted for this item	Value automatically generated
dc.identifier.uri	URI		Unique identifier for the work - Handle	system supplied		Search, KW				http://hdl.handle.net/1811/####	
dc.date.accessioned			Date accessioned by KB	system supplied						2009-08-14T13:10:48Z	
dc.date.available			Date available in KB	system supplied						2009-08-14T13:10:48Z	

Knowledge Bank Archived Items



Individual Item Submission

The screenshot shows the Knowledge Bank website interface. The top navigation bar includes the Knowledge Bank logo, the text "University Libraries and the Office of the Chief Information Officer", and a user profile section for "Profile: Maureen Walsh" with a "Logout" link. Below the navigation bar is a search bar with the text "Search the Knowledge Bank" and a "Go" button. The main content area is titled "Item submission" and contains a "Describe Item" form. The form has several sections: "Interviewer:" with a text input field containing "Akasofu, Syun-Ichi"; "Date of Interview:" with a date input field; "Date entered into Knowledge Bank:" with a date input field; "Publisher:" with a text input field; "Series Statement:" with a text input field; "Resource Type:" with a dropdown menu; "Language:" with a dropdown menu; and a list of items. The "All of Knowledge Bank" section is highlighted in blue. The list of items includes "Anderson, William R., 1921-", "Antos, Stanislaus A.", "Aughenbaugh, Nolan B.", "Austin, Fred L.", "Barnes, Stephen", "Beebe, Lloyd, 1916-", "Behrendt, John C., 1932-", "Bekkedahl, Clifford Lewis", "Benson, Carl S.", "Blades, Jehu L., 1925-", "Boudette, Eugene L.", "Brecher, Henry H.", "Brewer, Max C.", "Britton, Maxwell", "Brown, Craig W., 1937-", "Bull, Colin", "Burroughs, Charles A.", "Carlson, Gerald F., 1925-", "Carpenter, Donald", and "Akasofu, Syun-Ichi". The "Interviewer:" section is also visible, with a text input field containing "Belanger, Dian Olson, 1941-", "Brewster, Karen Nichols", "Goerler, Raimund E. (Raimund Erhard), 1948-", "Kosel, Loren J.", "Lay, Lynn B.", and "Shenkar, Brian".

Customized Input Forms (XML)

```

1486 | | | <required>Please make a selection from the box below.</required>
1487 | | | </field>
1488 | | | </page>
1489 | | | </form>
1490 | | |
1491 | | | <!-- POLAR ORAL HISTORIES -->
1492 | | | <form name="polar-oral-histories">
1493 | | | <page number="1">
1494 | | | <field>
1495 | | | <form name="polar-oral-histories">
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1500 | | | <label>Interviewee</label>
1501 | | | <input-type value-pairs-name="polar-oh-interviewees">dropdown</input-type>
1502 | | | <hint>Enter established form of interviewee name.</hint>
1503 | | | <required>Enter established form of interviewee name.</required>
1504 | | | </field>
1505 | | | <!-- Interviewee should appear in this field -->
1506 | | | <required>"Interview" should appear in this field.</required>
1507 | | | </field>
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1510 | | | <dc-qualifier>created</dc-qualifier>
1511 | | | <label>Date of Interview</label>
1512 | | | <input-type>date</input-type>
1513 | | | <hint>Enter date of interview (month and year or month, day, and year)</hint>
1514 | | | <required>Enter date of interview (month and year or month, day, and year).</required>
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1516 | | | <field>
1517 | | | <dc-element>date</dc-element>
1518 | | | <dc-qualifier>issued</dc-qualifier>
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1521 | | | <hint>Please enter the year only.</hint>
1522 | | | </field>
1523 | | | </form>
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2790 | | |
2791 | | |

```

Customized Input Forms (Display)



University Libraries and the Office of the Chief Information Officer

Profile: Maureen Walsh Logout

☒ All of KB
 ☐ Only this Collection

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- Item Mapper
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- Export Metadata

Administrative

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- Groups

Item submission

Initial Questions
Describe
Describe
Describe
Upload
Review
License
License
untranslated

Complete

Describe Item

Subject (Local Names and Expeditions):
Choose the appropriate personal names from the list.

Akasofu, Syun-ichi -- Interviews
Anderson, William R., 1921- -- Interviews
Antos, Stanislaus A. -- Interviews
Aughenbaugh, Nolan B. -- Interviews
Austin, Fred L. -- Interviews
Barnes, Stephen -- Interviews

Subject (Topical Terms and Corporate Names):
Choose the appropriate corporate names and/or topical terms from the list.

Aeronautics -- Antarctica
Aeronautics -- Antarctica -- Interviews
Aeronautics -- Arctic regions -- Interviews
Aeronautics -- Polar regions
Aeronautics -- Polar regions -- Interviews
Antarctic Ocean -- Discovery and exploration -- Interviews

Additional Keywords:
Please enter any additional keywords describing the transcript below. Enter one keyword or phrase per box, click "Add more" to add additional keywords.

Customized Input Forms (XML)

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1561 | | | | | </required/>
1562 | | | | | </field>
1563 | | | | | </page>
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1565 | | | | | <field>
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1585 | | | | |
1586 | | | | | </field>
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1588 | | | | |
1589 | | | | | <hint>Please enter any additional keywords describing the transcript below.</hint>
1590 | | | | | </field>
1591 | | | | | </page>
1592 | | | | | <page number="3">
1593 | | | | | <field>
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1600 | | | | | <required>Enter the full text of the transcript summary.</required>
1601 | | | | | </field>
1602 | | | | | <field>
1603 | | | | | <dc-element>description</dc-element>
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Customized Input Templates (Display)

Publisher:

"Byrd Polar Research Center Archival Program" should appear in this field.

Byrd Polar Research Center Archival Program

Series Statement:

"Polar Oral History Program" should appear in this field.

Polar Oral History Program

Resource Type:

"Transcript" should be highlighted in the list below.

- Recording, musical
- Recording, oral
- Software
- Technical Report
- Thesis
- Transcript**

Sponsor:

Sponsor information for the Polar Oral History Program should appear below.

Funded by a grant from the National Science Foundation.

Other available material:

Enter the number of audio tapes in the first space of this field (e.g. "3" or "7") so that the field reads, for example, "4 audio tapes available in the OSU Archives."

_ audio tapes available in the OSU Archives

Record Group Number:

Please enter the transcript's record group number below.

Record Group Number:

Restrictions:

Please change the text below if a transcript is restricted.

Add more

Existing data in this field:

☐ Restrictions: This item is not restricted.

Remove selected

Customized Input Templates (Dublin Core)

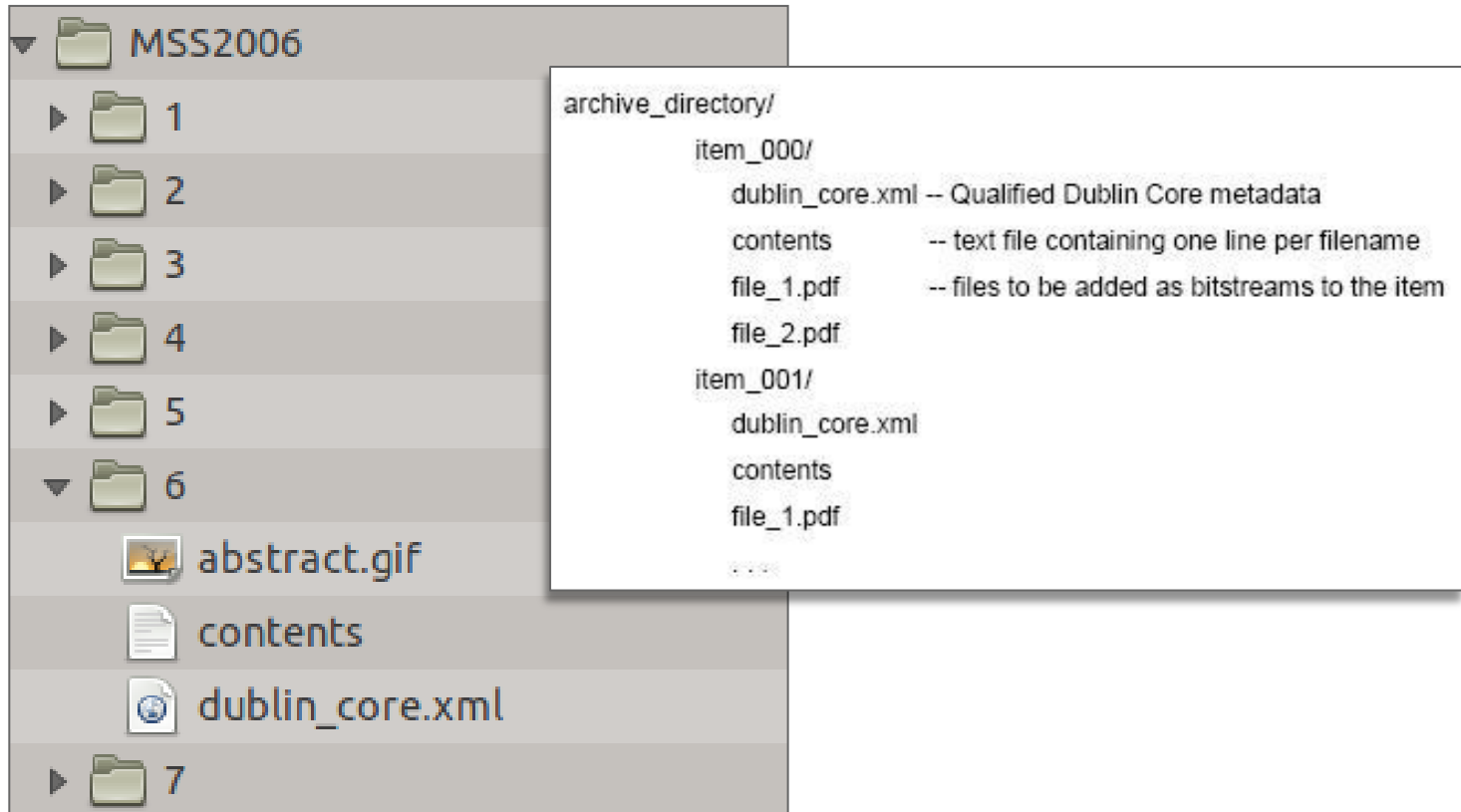
Metadata			
Remove	Name	Value	Language
<input type="checkbox"/>	dc. description. sponsorship	Funded by a grant from the National Science Foundation.	en
<input type="checkbox"/>	dc. identifier	Record Group Number:	
<input type="checkbox"/>	dc. publisher	Byrd Polar Research Center Archival Program	en
<input type="checkbox"/>	dc. relation. isformatof	_ audio tapes available in the OSU Archives	en
<input type="checkbox"/>	dc. relation. ispartofseries	Polar Oral History Program	en
<input type="checkbox"/>	dc. rights	Restrictions: This item is not restricted.	en
<input type="checkbox"/>	dc. title	Interview	en
<input type="checkbox"/>	dc. type	Transcript	

Importing Items in Batch

Batch Loading – Metadata CSV

File	File	File	dc.date	dc.identifier	dc.creator	dc.title	dc.description.abstract	dc.subject	dc.description
FA01/abstract	FA01/talk.ppt	FA01/talk.gifs	2006	2006-FA-01	Lisy, James M.; Miller, Dorothy J.;	TEMPERATURE EFFECTS IN HYDRATED ALK	The role of temperature or interna	ar	En Department
FA02/abstract	FA02/talk.ppt	FA02/talk.gifs	2006	2006-FA-02	Ackerman, Matthew L.; Rodriguez, Jason D.; Miller,	MAGIC NUMBERS IN ALKALI CATION WATER	The local environment of solvated ar	En Department	
FA03/abstract	FA03/talk.ppt	FA03/talk.gifs	2006	2006-FA-03	Rodriguez, Jason D.; Ackerman, Matthew; Miller,	MAGIC NUMBERS IN HYDRATED ALKALI ME	The mass spectrum of protonate ar	En Department	
FA04/abstract	FA04/talk.ppt	FA04/talk.gifs	2006	2006-FA-04	Herbert, John M.;	ELECTRONIC STRUCTURE STUDIES OF SMA	Electronic structure calculations ar	En Department	
FA05/abstract.gif			2006	2006-FA-05	Headrick, Jeffrey M.; Diken, Eric G.; Johnson, Ma	A CLUSTER PERSPECTIVE: THE HYDRATED	Capturing the dynamics of protor ar	En Sterling Che	
FA06/abstract.gif			2006	2006-FA-06	Gudipati, Murthy S.; Allamandola, Louis J.;	NEW PHYSICAL AND CHEMICAL PROCESSE	Water-rich, mixed molecular ices ar	En Institute for	
FA07/abstract	FA07/talk.ppt	FA07/talk.gifs	2006	2006-FA-07	Schneider, Holger; Weber, J. Mathias; Boese, A.	INFRARED SPECTRA OF ANIONIC COINAGE	We have studied the interaction ar	En JILA and De	
FA08/abstract.gif			2006	2006-FA-08	Su, Zheng; Xu, Yunjie;	HYDROGEN BONDING IN CHIRAL MOLECULA	High resolution spectroscopy and ar	En Department	
FA09/abstract	FA09/talk.ppt	FA09/talk.gifs	2006	2006-FA-09	Miller, Dorothy J.; Lisy, James M.;	OBSERVATION OF ISOMER TRAPPING IN SL	In gas-phase cluster ions, the star ar	En Department	
FA10/abstract.gif			2006	2006-FA-10	Roscioli, Joseph R.; Bopp, Joseph C.; Hammer, N	PHOTOELECTRON AND INFRARED SPECTRA	We present infrared and photoele ar	En Sterling Che	
FA11/abstract.gif			2006	2006-FA-11	Bopp, Joseph C.; Roscioli, Joseph R.; Hammer, N	VIBRATIONAL PREDISSOCIATION SPECTRO	We report vibrational predissocia ar	En Sterling Che	
FA12/abstract	FA12/talk.ppt	FA12/talk.gifs	2006	2006-FA-12	Hargrove, J.M.; Medina, D.; Zhang, J.;	WATER VAPOR CONTINUUM ABSORPTION	During cavity ring-down spectros ar	En Department	
FB01/abstract	FB01/talk.ppt	FB01/talk.gifs	2006	2006-FB-01	Ellsworth, Kristin K.; Polik, William F.;	DISPERSED FLUORESCENCE SPECTROSCOP	High resolution dispersed fluores ar	En Department	
FB02/abstract	FB02/talk.ppt	FB02/talk.gifs	2006	2006-FB-02	Deselnicu, M.; Tao, C.; Mukarakate, C.; Reid, S.A	ELECTRONIC SPECTROSCOPY OF THE AS ⁺	We report a comprehensive new ar	En Department	
FB03/abstract	FB03/talk.ppt	FB03/talk.gifs	2006	2006-FB-03	Tao, C.; Deselnicu, M.; Mukarakate, C.; Reid, S.A	ELECTRONIC SPECTROSCOPY OF THE AS ⁺	We report a comprehensive new ar	En Department	
FB04/abstract	FB04/talk.ppt	FB04/talk.gifs	2006	2006-FB-04	Tao, C.; Deselnicu, M.; Mukarakate, C.; Reid, S.A	FLUORESCENCE EXCITATION SPECTROSCOP	We report a comprehensive new ar	En Department	
FB05/abstract	FB05/talk.ppt	FB05/talk.gifs	2006	2006-FB-05	Miller, Stephen R.; Barker, Beau J.; Marcy, Timot	ANION PHOTOELECTRON SPECTROSCOPIC	We report mass spectra, anion par	En Department	
FB06/abstract	FB06/talk.ppt	FB06/talk.gifs	2006	2006-FB-06	Pillsbury, Nathan R.; Clarkon, Jasper R.; Zwi	CONFORMATION-SPECIFIC ELECTRONIC SP	The electronic and infrared spect ar	En Department	
FB07/abstract	FB07/talk.ppt	FB07/talk.gifs	2006	2006-FB-07	Xu, Haifeng; Johnson, Philip M.; Sears, Trevor J.;	HIGH RESOLUTION IONIZATION-BASED SPEC	Mass analyzed threshold ionizat ar	En Chemistry D	
FB08/abstract	FB08/talk.ppt	FB08/talk.gifs	2006	2006-FB-08	Xu, Haifeng; Johnson, Philip M.; Sears, Trevor J.;	EVIDENCE FOR RADIATIONAL TRANSITIONS	Pump-probe delayed ionization s ar	En Chemistry D	
FB09/abstract	FB09/talk.ppt	FB09/talk.gifs	2006	2006-FB-09	Middleton, Chris; Cohen, Boiko; Kohler, Bern;	ULTRAFAST VIBRATIONAL COOLING DYNAM	The photodynamics of 9-methyla ar	En Department	
FB10/abstract	FB10/talk.ppt	FB10/talk.gifs	2006	2006-FB-10	Legreve, Tracy A.; Baquero, Esteban E.; James, V	CONFORMATIONAL ANALYSIS OF THE NEUR	Serotonin (5-hydroxytryptamine) ar	En Department	
FB11/abstract.gif			2006	2006-FB-11	Zamyatin, Andrey V.; Rodgers, Michael A.J.;	A PHOTOPHYSICAL INVESTIGATION OF NICK	The porphyrins are an important ar	En Del Mar Ph	
FB12/abstract.gif			2006	2006-FB-12	Schulenburg, A.M.; Merkt, F.;	HIGH-RESOLUTION PHOTOELECTRON SPEC	The pulsed-field-ionisation zero-k ar	En Laboratory o	
FB13/abstract.gif			2006	2006-FB-13	Vijan, Loredana; Raducu, Alina; Barbuceanu, Mirc	SPECTRAL STUDY OF AMIKACIN - DNA INTE	Amikacin is an aminoglycoside ar	En University o	
FB14/abstract.gif			2006	2006-FB-14	Vijan, Loredana; Raducu, Alina; Barbuceanu, Mirc	SPECTRAL STUDY OF THE BINDING OF VAN	Vancomycin is a glycopeptide ar	En University o	
FC01/abstract.gif			2006	2006-FC-01	Remijan, Anthony J.; Hollis, J.M.; Lovas, F.J.; Jew	NEW INTERSTELLAR MOLECULES DETECTE	Over the last several years, the Na ar	En NRAO, 520	
FC02/abstract.gif			2006	2006-FC-02	Friedel, D.N.; Snyder, L.E.; Remijan, Anthony J.;	ANALYSIS OF THE 3MM SPECTRUM OF OR	We present our initial results on ar	En Department	
FC03/abstract	FC03/talk.ppt	FC03/talk.gifs	2006	2006-FC-03	Garrod, R.T.; Herbst, E.;	GRAIN SURFACE FORMATION OF METHYL F	Until recently, the methyl format ar	En Department	
FC04/abstract	FC04/talk.ppt	FC04/talk.gifs	2006	2006-FC-04	Braakman, Rogier; Pearson, John C.; Drouin, Brian	THE GROUND STATE ROTATIONAL SPECTRUM	Internal rotation plays a very imp ar	En Division of C	
FC05/abstract	FC05/talk.ppt	FC05/talk.gifs	2006	2006-FC-05	Pearson, John C.; Drouin, Brian J.; Braakman, Ro	THE S _v (t)=3S STATE OF METHANOL	The rotational spectrum of metha ar	En Jet Propulsi	
FC06/abstract	FC06/talk.ppt	FC06/talk.gifs	2006	2006-FC-06	Wakelam, Valentine; Herbst, Eric; Selsis, Franck	SENSITIVITY OF INTERSTELLAR CHEMISTRY	The equations describing the chea ar	En Department	
FC07/abstract	FC07/talk.ppt	FC07/talk.gifs	2006	2006-FC-07	Woodall, J.; Agúndez, M.; Markwick-Kemper, A.J	ASTROCHEMISTRY WITH THE UMIST DATAB	A new version of the UMIST Data ar	En Jodrell Bank	
FC08/abstract	FC08/talk.ppt	FC08/talk.gifs	2006	2006-FC-08	Dunbar, Robert C.; Petrie, Simon;	METAL ION CHEMISTRY IN COLD INTERSTE	Ions of abundant metals, includin ar	En Chemistry D	
FC09/abstract	FC09/talk.ppt	FC09/talk.gifs	2006	2006-FC-09	Maret, Sebastien; Bergin, Edwin A.;	CHEMICAL STRUCTURE OF THE BARNARD 6	Prestellar cores are unique labor ar	En Department	
FC10/abstract	FC10/talk.ppt	FC10/talk.gifs	2006	2006-FC-10	Cuppen, Herma; Herbst, Eric;	MONTE CARLO SIMULATIONS ON THE FORM	Formation and destruction of ice ar	En Department	
FC11/abstract	FC11/talk.ppt	FC11/talk.gifs	2006	2006-FC-11	Tenenbaum, Emily D.; Apponi, Aldo J.; Ziurys, Lu	CS ₃ 350 IN THE CARBON STAR IRC+10216	We report the detection of CS ₃ 35 ar	En Department	
FC12/abstract.gif			2006	2006-FC-12	Drosback, Meredith M.; Snow, Theodore P.; Thor	VELOCITY STRUCTURE IN THE DIFFUSE INTE	We present results of a search for ar	En Center for A	
FC13/abstract.gif			2006	2006-FC-13	Braakman, Rogier; Blake, Geoffrey A.;	THE MICROWAVE SPECTRUM OF AIB	α-Amino isobutyric acid (ar	En Division of C	
FD01/abstract	FD01/talk.ppt	FD01/talk.gifs	2006	2006-FD-01	McKellar, A.R.W.;	HIGH RESOLUTION INFRARED SPECTRA OF	Recently it has been possible to ar	En Steacie Inst	
FD02/abstract	FD02/talk.ppt	FD02/talk.gifs	2006	2006-FD-02	Lewis, William K.; Lindsay, C. Michael; Miller, Ro	MOLECULAR LIGHTNING RODS: CHARGE ST	Dopant species embedded in heli ar	En Department	
FD03/abstract	FD03/talk.ppt	FD03/talk.gifs	2006	2006-FD-03	Choi, Myong Yong; Miller, Roger E.;	INFRARED SPECTROSCOPIC STUDIES OF IM	Infrared laser spectroscopy has lar	En Department	
FD04/abstract	FD04/talk.ppt	FD04/talk.gifs	2006	2006-FD-04	Skvortsov, Dmitry S.; Hoshina, Hiromichi; Sarta	ROTATIONS OF CO ₂ 2S AND CH ₃ 4S ISOTO	The effect of isotopic substitution ar	En Chemistry D	
FD05/abstract	FD05/talk.ppt	FD05/talk.gifs	2006	2006-FD-05	Suhara, Ken-ichiro; Fujii, Asuka; Mikami, Naohiko	INFRARED SPECTROSCOPY OF PROTONATE	IR spectroscopy of H ₂ + ⁺ (MeOH) ar	En Department	
FD06/abstract	FD06/talk.ppt	FD06/talk.gifs	2006	2006-FD-06	Giesen, Thomas F.; Neubauer-Guenther, Petra K	INFRARED STEPTROSCOPY ON CARBON CH	maketite The formation of pure ar	En Physikalis	
FD07/abstract	FD07/talk.ppt	FD07/talk.gifs	2006	2006-FD-07	Kaunatlikka, Chandana; Pedraza, Davian; Kukoldi	THE HIGH-RESOLUTION INFRARED SPECTR	benin/uranium/1101/4/3 2cm) Var	En Department	

Batch Loading – DSpace Simple Archive Format



The image shows a file explorer view of a DSpace Simple Archive Format directory. The root folder is 'MSS2006'. Inside, there are subfolders numbered 1 through 7. Below the subfolders are three files: 'abstract.gif', 'contents', and 'dublin_core.xml'. A tooltip window is open, showing the internal structure of the archive directory.

```
archive_directory/
  item_000/
    dublin_core.xml -- Qualified Dublin Core metadata
    contents        -- text file containing one line per filename
    file_1.pdf       -- files to be added as bitstreams to the item
    file_2.pdf
  item_001/
    dublin_core.xml
    contents
    file_1.pdf
  ...
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Batch Loading – Dublin Core

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temperature or internal energy in solvated ions is the dominant factor in
determining the structures of these species. The strong electrostatic
interaction between the ion and the water molecules allows for multiple
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calculations. At warmer temperatures, structures with fewer hydrogen
bonds are favored, reflecting the role of entropy in these
systems.</dcvalue>
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61801</dcvalue>
<dcvalue element="type" qualifier="none">article</dcvalue>
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The screenshot shows the Knowledge Bank website interface. The header includes the Knowledge Bank logo and navigation links. The main content area displays the title 'TEMPERATURE EFFECTS IN HYDRATED ALKALI METAL IONS' and a list of files with their sizes and formats. Below the file list, there is a detailed abstract and metadata section.

Files	Size	Format	View
abstract.gif	16.30Kb	GIF image	
OSU ppt	21.59Mb	Microsoft PowerPoint	View/Open
Slide1.GIF	148.8Kb	GIF image	

Title: TEMPERATURE EFFECTS IN HYDRATED ALKALI METAL IONS
Creators: Lisy, James M., Miller, Dorothy J.
Issue Date: 2006
Abstract: The role of temperature or internal energy in solvated ions is the dominant factor in determining the structures of these species. The strong electrostatic interaction between the ion and the water molecules, allows for multiple hydrogen-bonded and non-hydrogen bonded structures to co-exist at various temperatures. This reflects the competition between these two non-covalent interactions. I will present examples from our laboratory involving the alkali metal ions: $Li^+(+)$, $Na^+(+)$, $K^+(+)$ and $Cs^+(+)$, and three to five water molecules. The cluster ions are prepared by ion impact on preformed neutral clusters, which are then stabilized by evaporative cooling. Evaporation of water produces warmer clusters, while evaporation of argon generates colder species. By combining tandem mass spectrometry with tunable infrared laser spectroscopy, the vibrational spectra of these species in the 3300-3800 cm^{-1} region are obtained. Structural assignments are supported by *ab initio* calculations. At warmer temperatures, structures with fewer hydrogen bonds are favored, reflecting the role of entropy in these systems.
URI: <http://hdl.handle.net/1811/30800>
Other Identifiers: 2006-FA-01

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This item appears in the following Collection(s)
 Abstracts of OSU International Symposium on Molecular Spectroscopy 2000-2009

DSpace Dublin Core XML

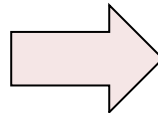
DSpace Item Record

Repurposing MARC Metadata

Repurposing MARC Metadata

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090 E525.5|b.H66 1998
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100 1 Hopkins, Owen Johnston,|d1844-1902
245 10 Under the flag of the nation :|bdiaries and letters of
Owen Johnston Hopkins, a Yankee volunteer in the Civil War
/|cedited by Otto F. Bond
260 Columbus :|bOhio State University Press,|cc1998
300 308 p. ;|c23 cm
500 Originally published: Columbus : Ohio State University
Press for the Ohio Historical Society, 1961, in series:
Publications of the Ohio Civil War Centennial Commission,
no. 1
504 Includes bibliographical references
600 10 Hopkins, Owen Johnston,|d1844-1902|vDiaries
600 10 Hopkins, Owen Johnston,|d1844-1902|vCorrespondence
610 10 United States.|bArmy.|bOhio Infantry Regiment, 42nd (1861-
1864)
610 10 United States.|bArmy.|bOhio Infantry Regiment, 182nd (1864
-1865)
650 0 Soldiers|zOhio|vBiography
651 0 Ohio|xHistory|yCivil War, 1861-1865|vPersonal narratives
651 0 United States|xHistory|yCivil War, 1861-1865|vPersonal
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Full metadata record

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Appears in Collections: [Ohio State University Press publications](#)

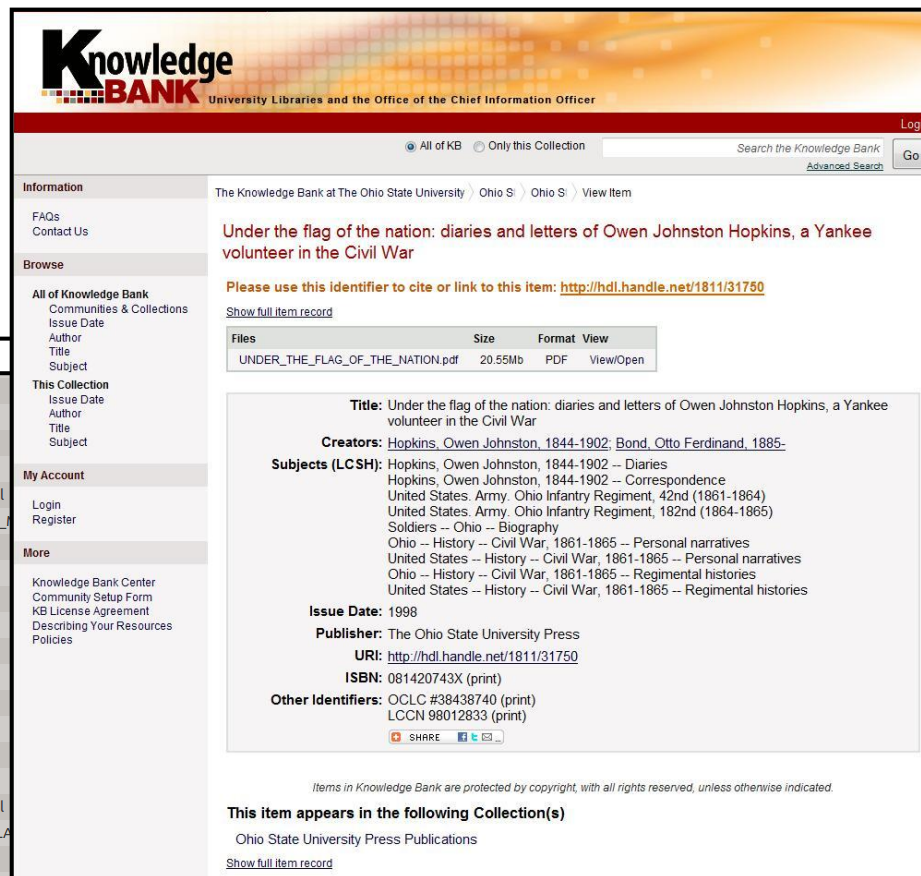
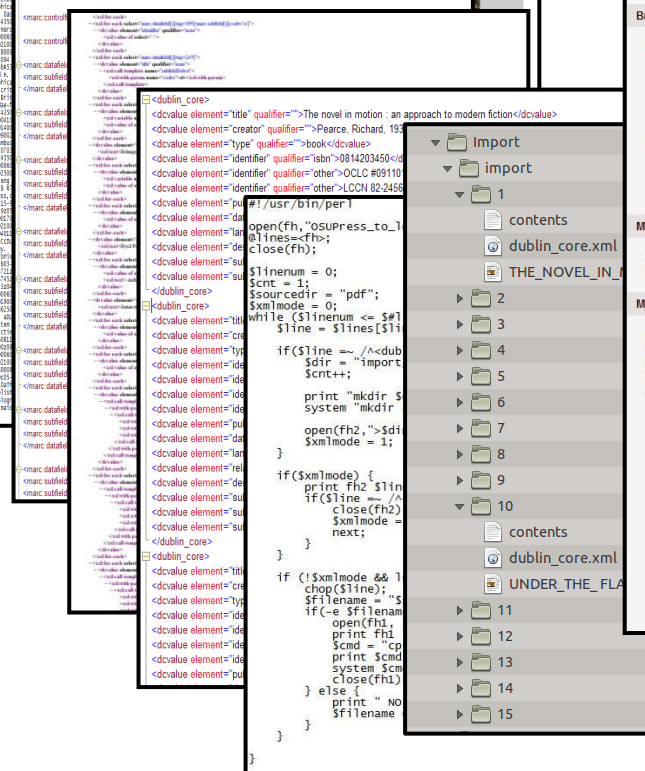
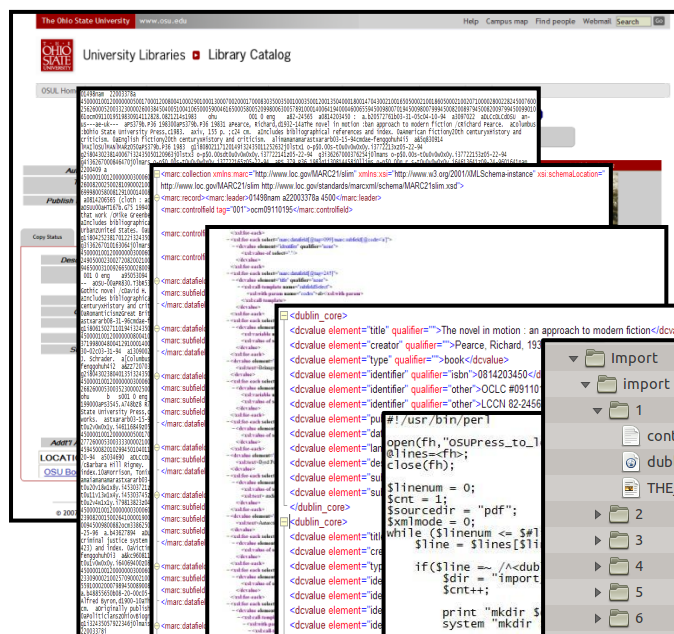
Dublin Core - IR

MARC - Catalog

Repurposing MARC Metadata

- XSLT Workflow
- Export Tab Delimited Records Workflow

XSLT Workflow



XSLT Workflow

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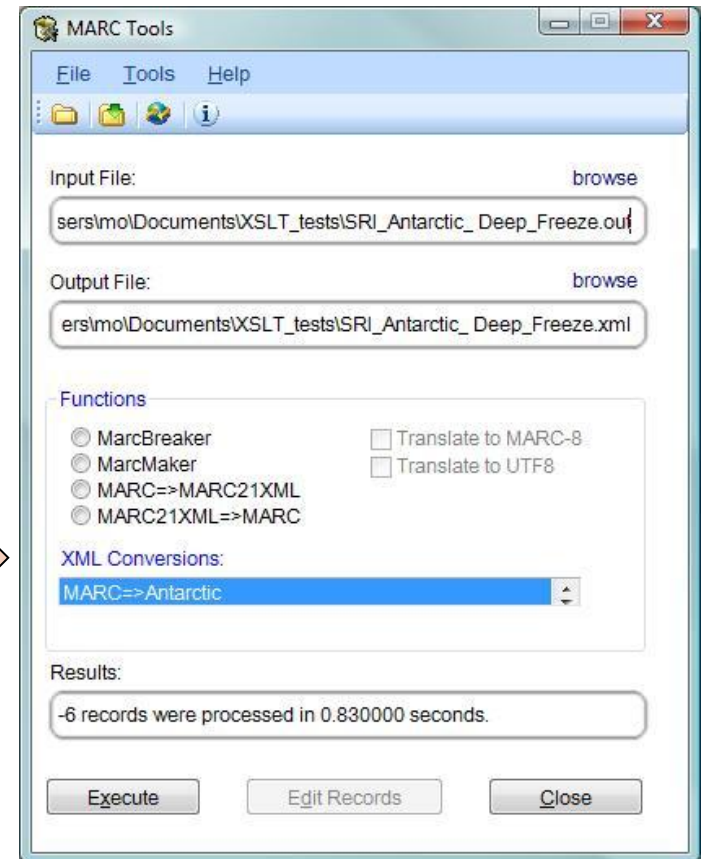
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[Truncated] XSLT

MarcEdit by Terry Reese

[illegible]

MarcEdit CSV Export

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2	Ambrosini, Damor	A literature analysis of the provisio	Ohio State University,	2001		Young, Richard.			
3	Behn, Douglas Ger	Fundraising for the Arts :cures for	Ohio State University,	2000		Jensen, Daniel.			
4	Bhatia, Shivani.	Analysis of electronic commerce regulation in the global econo		2005		Ballam, Deborah A.,1949-			
5	Chen, Janie J.	From APB No. 25 to SFAS No. 123 :a	Ohio State University,	1996		Young, Richard A.			
6	Gastwirth, Bradley	A study of margin requirements ef	Ohio State University,	2000		Jennings, Edward H.1937-			
7	Gilmore, Nikki Ma	Career patterns for women in logis	Ohio State University,	1998		Cooper, Martha C.			
8	Goens, Tami Marie	Full disclosure of computer securit	Ohio State University,	2001		Murdock, Richard.			
9	Hare, Tara A.	The effects of the type of law and	Ohio State University,	1999		Bendapudi, Neeli.			
10	Helon, Ryan Josep	An experimental test of quasi-rati	Ohio State University,	1998		Jensen, Daniel.			
11	Jennings, Christin	An examination of Ohio State's un	Ohio State University,	1996		Murdock, Richard J.			
12	Kennel, Bobbie Jo	The use of attorneys to foster don	Ohio State University, 1996.			Ginter, James L.			
13	Kouche, Robert A.	Service strategies and firm size in	Ohio State University, 1995.			Jensen, Daniel L.			
14	Leach, Andrew R.	An analysis of the housing industry	Ohio State University,	1996		Murdock, Richard J.			
15	Martz, Chad E.	The impact of personal tax prepar	Ohio State University,	2000		Krasniewski, Raymond J.			
16	Matheny, Krista M	Mentoring in the sales force /by Kr	Ohio State University, 1995.			Fine, Leslie M.			
17	Mittal, Aditya.	What pre-merger conditions are necessary for mergers to be suc	[2003]						
18	Mooney, Carolyn	An analysis of the variation in bank	Ohio State University,	2003		Smith, Michael L.,1943-	Rives, Bill.		
19	Patel, Sanjiv G.	Copyright infringement on the inte	Ohio State University,	1996		Jacob, Varghese.			
20	Schillings, Gregory	A study on environmental disclosu	Ohio State University, 1995.			Murdock, Richard.			

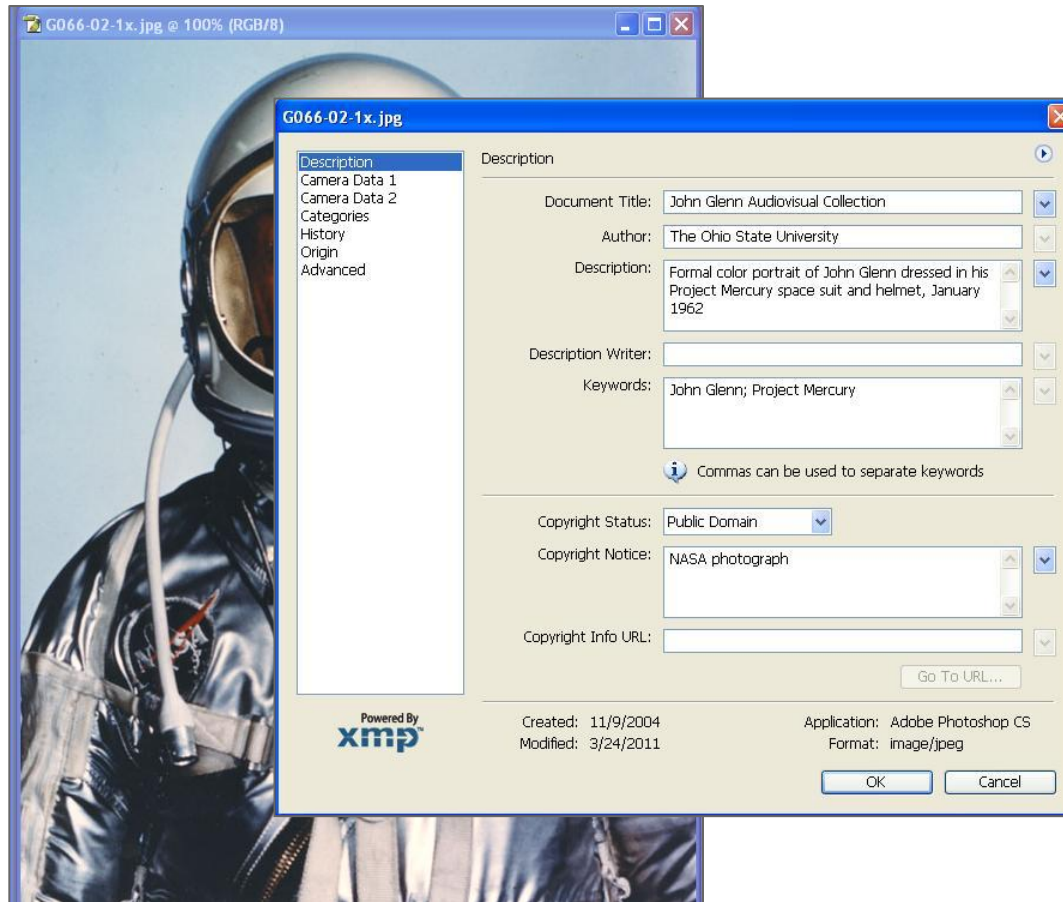
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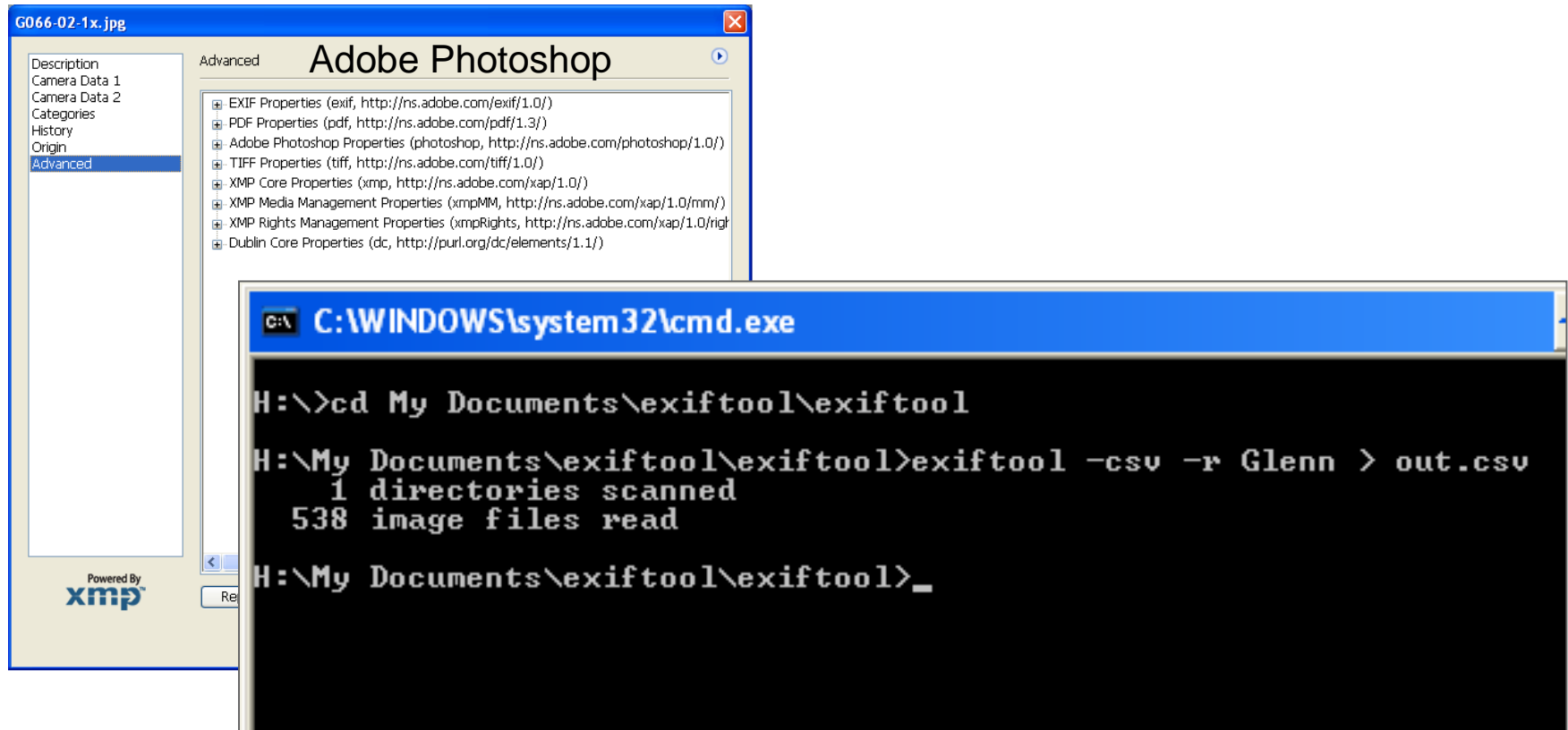
Repurposing Embedded Image Metadata

Embedded Metadata Workflow



Adobe Photoshop

Extracting Metadata with ExifTool



ExifTool CSV Export

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4	Glenn/G052-06-2.jpg	uuid:ab846d2f-563d-11e0 (none)	(none)	2	The Ohio	:			8				The Ohio	Unidentified ice skaters on the lake at
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6	Glenn/G	Compress	Connectic	Copyright	Copyright	Copyright	Country	Country-P	CreateDat	Creator	CreatorTo	Credit	CurrentIP	DateCreated
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